

1FW/B  
Rev. 12/09/04

<b>FREE TRANSMITTAL</b> For FY 2005 <small>Patent fees are subject to annual revision</small>		<b>Complete if Known</b>	
		Application Number:	09/871,527
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date:	5/31/2001
		First Named Inventor:	Robert B. Von Dreele
		Examiner Name:	Carolyn L. Smith
		Group/Art Unit:	1631
TOTAL AMOUNT OF PAYMENT: \$690.00		Attorney Docket No.:	S-94,792

<b>METHOD OF PAYMENT</b> (check all that apply)	<b>FEE CALCULATION</b> (continued)																																																																																																																																																																																								
1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17	<b>3. ADDITIONAL FEES</b> <table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>\$130</td><td>2051</td><td>\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>\$50</td><td>2052</td><td>\$25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1812</td><td>\$2520</td><td>1812</td><td>\$2520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>1251</td><td>\$120</td><td>2251</td><td>\$60</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>\$450</td><td>2252</td><td>\$225</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>\$1020</td><td>2253</td><td>\$510</td><td>Extension for reply within third month</td><td>\$510</td></tr><tr><td>1254</td><td>\$1590</td><td>2254</td><td>\$795</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>\$2180</td><td>2255</td><td>\$1080</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>\$500</td><td>2401</td><td>\$250</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>\$500</td><td>2402</td><td>\$250</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>\$1000</td><td>2403</td><td>\$500</td><td>Request for oral hearing</td><td></td></tr><tr><td>1452</td><td>\$500</td><td>2452</td><td>\$250</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1814</td><td>\$110</td><td>2814</td><td>\$55</td><td>Terminal Disclaimer</td><td></td></tr><tr><td>1453</td><td>\$1500</td><td>2453</td><td>\$750</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1460</td><td>\$130</td><td>1460</td><td>\$130</td><td>Petitions to the Director</td><td></td></tr><tr><td>1806</td><td>\$180</td><td>1806</td><td>\$180</td><td>Submission of Information Disclosure Statement</td><td>\$180</td></tr><tr><td>1809</td><td>\$790</td><td>2809</td><td>\$395</td><td>Filing a submission after final rejection (37 CFR 1.129 (a))</td><td></td></tr><tr><td>1810</td><td>\$790</td><td>2810</td><td>\$395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td>1811</td><td>\$100</td><td>1811</td><td>\$100</td><td>Certificate of Correction</td><td></td></tr><tr><td>1504</td><td>\$300</td><td>1504</td><td>\$300</td><td>Publication fee for early, voluntary, or normal publication/Republication fee</td><td></td></tr><tr><td>1801</td><td>\$790</td><td>2801</td><td>\$395</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="5" style="text-align:right"><b>SUBTOTAL (3)</b></td><td><b>\$690.00</b></td></tr><tr><td colspan="6">Reduced by Basic Filing Fee Paid</td></tr><tr><td colspan="5" style="text-align:right"><b>SUBTOTAL FROM 1</b></td><td><b>\$-0-</b></td></tr><tr><td colspan="5" style="text-align:right"><b>SUBTOTAL FROM 2</b></td><td><b>\$-0-</b></td></tr><tr><td colspan="5" style="text-align:right"><b>SUBTOTAL FROM 3</b></td><td><b>\$-0-</b></td></tr><tr><td colspan="5" style="text-align:right"><b>TOTAL AMOUNT OF PAYMENT</b></td><td><b>\$690.00</b></td></tr><tr><td colspan="6">(Enter total amount at top of page)</td></tr></tbody></table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	\$130	2051	\$65	Surcharge - late filing fee or oath		1052	\$50	2052	\$25	Surcharge - late provisional filing fee or cover sheet		1812	\$2520	1812	\$2520	For filing a request for reexamination		1251	\$120	2251	\$60	Extension for reply within first month		1252	\$450	2252	\$225	Extension for reply within second month		1253	\$1020	2253	\$510	Extension for reply within third month	\$510	1254	\$1590	2254	\$795	Extension for reply within fourth month		1255	\$2180	2255	\$1080	Extension for reply within fifth month		1401	\$500	2401	\$250	Notice of Appeal		1402	\$500	2402	\$250	Filing a brief in support of an appeal		1403	\$1000	2403	\$500	Request for oral hearing		1452	\$500	2452	\$250	Petition to revive - unavoidable		1814	\$110	2814	\$55	Terminal Disclaimer		1453	\$1500	2453	\$750	Petition to revive - unintentional		1460	\$130	1460	\$130	Petitions to the Director		1806	\$180	1806	\$180	Submission of Information Disclosure Statement	\$180	1809	\$790	2809	\$395	Filing a submission after final rejection (37 CFR 1.129 (a))		1810	\$790	2810	\$395	For each additional invention to be examined (37 CFR 1.129(b))		1811	\$100	1811	\$100	Certificate of Correction		1504	\$300	1504	\$300	Publication fee for early, voluntary, or normal publication/Republication fee		1801	\$790	2801	\$395	Request for Continued Examination (RCE)		Other fee (specify) _____						<b>SUBTOTAL (3)</b>					<b>\$690.00</b>	Reduced by Basic Filing Fee Paid						<b>SUBTOTAL FROM 1</b>					<b>\$-0-</b>	<b>SUBTOTAL FROM 2</b>					<b>\$-0-</b>	<b>SUBTOTAL FROM 3</b>					<b>\$-0-</b>	<b>TOTAL AMOUNT OF PAYMENT</b>					<b>\$690.00</b>	(Enter total amount at top of page)					
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<b>1. COMBINED FILING FEE</b>	
Large Entity	Small Entity
Fee	Fee
1001 \$300	2001 \$150
1004 \$300	2004 \$150
1111 \$500	2111 \$250
1311 \$200	2311 \$100
1005 \$200	2005 \$100
1085 \$250	2085 \$125
(for each additional 50 sheets that exceeds 100 sheets)	
<b>SUBTOTAL (1) \$-0-</b>	

<b>2. EXTRA CLAIM FEES/APPLICATION SIZE FEE</b>	
	Extra Claims
Total Claims	-20** = X
Independent Claims	-3** = X
Multiple Dependent	X 180
<b>Fee from Fee Paid Below</b>	
<b>\$</b>	
** or number previously paid, if greater; For Reissues, see below	
Large Entity	Small Entity
Fee	Fee
1202 \$50	2202 \$25
1201 \$200	2201 \$100
1203 \$360	2203 \$180
1204 \$88	2204 \$44
1205 \$18	2205 \$9
Fee Description	
Claims in excess of 20	
Independent claims in excess of 3	
Multiple dependent claim, if not paid.	
** Reissue independent claims over original patent	
** Reissue claims in excess of 20 and over original patent	
<b>APPLICATION SIZE FEE</b>	
<b>\$</b>	
1081 \$250	2081 \$125.00
For each additional 50 sheets that exceed 100 sheets, including specification and drawings	
<b>SUBTOTAL (2) \$-0-</b>	
(Include total of Claims Fees and Size Fee here)	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Printed Name:	Bruce H. Cottrell	Reg. No.	30,620
Signature:	Bruce H Cottrell	Date:	April 25, 2005
		Telephone	(505) 667-9168